

Data Exchange Protocol for the Aura Validation Data Center (AVDC)



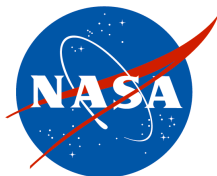
The National Aeronautics and Space Administration (NASA) is sponsoring the validation of the EOS-Aura data products and the operations of the Aura Validation Data Center (AVDC) at the NASA Goddard Space Flight Center (<http://avdc.gsfc.nasa.gov>). The aims of the Aura Validation Data Center (AVDC) data exchange protocol are to encourage rapid dissemination of scientific results for the validation of EOS-Aura data products; to foster scientific collaboration in the investigation of EOS-Aura products; to respect the rights of individual investigators and data providers to the EOS-Aura validation activities; and to produce a central repository for EOS-Aura correlative data.

The users of the Aura Validation Data Center are the EOS-Aura instrument teams (HIRDLS, MLS, OMI, and TES teams and support staff), NASA Research Announcement (NRA) investigators, as well as those data providers from groundbased, aircraft, and other satellites who contribute data to the AVDC for the validation of Aura products. The AVDC will provide selected EOS-Aura instrument data subsets, such as station overpass products, in return for correlative/validation data provided by Aura team and non-Aura validation investigators.

The Aura Validation Data Center will operate in collaboration with existing networks, such as the World Meteorological Organization's, Global Atmosphere Watch program, and the Network for the Detection of Stratospheric Change and their data archives, and will not conflict with their operations and protocols.

Scientists, (co-)Investigators, data contributors and their support staff who sign the Aura Validation Data Center (AVDC) data exchange protocol will abide by the following conditions:

- i) Preliminary data should be made available to the Aura Validation Data Center (AVDC) no later than two months after measurement.
- ii) Corrections or amendments to preliminary data should be made available to the Aura Validation Data Center (AVDC) within six months of measurement. The descriptive information in the data file, the metadata, shall reflect such updates.
- iii) All correlative data files submitted to the Aura Validation Data Center (AVDC) are to be formatted in HDF (hierarchical data format) in conformity with the metadata guidelines "Generic metadata guidelines for atmospheric and oceanographic datasets: Application to the Envisat Calibration and Validation Project" by Bojkov *et al.*, 2003 (available at <http://avdc.gsfc.nasa.gov/guidelines>).
- iv) The ownership of data archived at the Aura Validation Data Center (AVDC) remains with the data's Principal Investigator/Data Originator. Further distribution of these data from the AVDC archive is not allowed.
- v) All participants in the EOS-Aura validation effort will have equal and complete access to the Aura Validation Data Center (AVDC) archive.
- vi) If data from other groups, archived at the Aura Validation data Center (AVDC), are used in a publication and/or presentations, joint authorship must be offered. It is the Principal Investigator's/Data Originator's responsibility to ensure that his/her data used in a publication/presentation are the best available at that time.



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- vii) Each Principal Investigator/Data Originator (Aura and non-Aura) has the right to refuse to allow his/her data to be used in another publication prior to his/her publication of that data.
- viii) Publication of results in the scientific literature is encouraged at any time during the EOS-Aura validation process, as long as conditions v) and vi) are met.
- ix) Access to the Aura Validation Data Center (AVDC) is granted only after having signed this protocol.

The undersigned agrees to the conditions of this data protocol (Print clearly)

Name :

Position (PI, Co-I, Post-doc, Student, *etc.*) :

Affiliation :

E-mail :

Address :

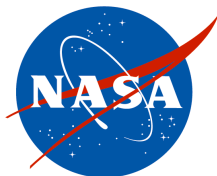
Date :

Signature :

Please return to:

Aura Validation Data Center (AVDC)

*NASA Goddard Space Flight Center
Code 916*



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